STIC Search Report
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STIC Database Tracking Number: 141634

TO: Rei-Tsang Shiao **Location: 5a10 / 5c18** **Wednesday, January 05, 2005** **Art Unit: 1626** **Phone: 272-0707** **Serial Number: 10 / 081009**	**From: Jan Delaval** **Location: Biotech-Chem Library** **Rem 1a51** **Phone: 272-2504** **jan.delaval@uspto.gov**

Search Notes

Access DB# 141634

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Robert (Rob) Shiao Examiner #: 79521 Date: 1/4/13

Art Unit: 1626 Phone Number 30 2-0707 Serial Number: 10/081,609

Mail Box and Bldg/Room Location: 5A10/5C18 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Novel compounds that inhibit tryptase ...

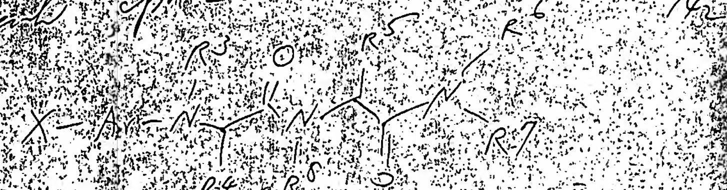
Inventors (please provide full names): Weber et al

Earliest Priority Filing Date:

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

(see claim 1 and example 142)

I search compds



* R3 and R8 ... sub

X is sub

* Ar is arylene

* R6 and R7 can form a ring (i.e. piperazine)

STAFF USE ONLY

Searcher:	Type of Search		Vendors and cost where applicable	
Searcher Phone #:	NA Sequence (#)		STN	
Searcher Location:	AA Sequence (#)		Dialog	
Date Searcher Picked Up: 1/5/08	Structure (#)	✓	Questel/Orbit	
Date Completed:	Bibliographic		Dr. Link	
Searcher Prep & Review Time:	Litigation		Lexis/Nexis	
Clerical Prep Time:	Fulltext		Sequence Systems	
Online Time:	Patent Family		WWW/Internet	
	Other		Other (specify)	

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=> fil reg
FILE 'REGISTRY' ENTERED AT 07:55:15 ON 05 JAN 2005
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:     3 JAN 2005  HIGHEST RN 807382-78-1
DICTIONARY FILE UPDATES:    3 JAN 2005  HIGHEST RN 807382-78-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> d l17 ide can tot

L17  ANSWER 1 OF 2  REGISTRY  COPYRIGHT 2005 ACS on STN
RN   779315-11-6  REGISTRY
CN   Benzoic acid, 4-[1-[[[4-(aminoiminomethyl)phenyl]methyl]amino]-2-[[2-[4-
     (1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]-2-oxoethyl]amino]-2-oxoethyl]-
     , methyl ester (9CI)  (CA INDEX NAME)
FS   3D CONCORD
MF   C32 H36 N6 O6
CI   COM
SR   CA
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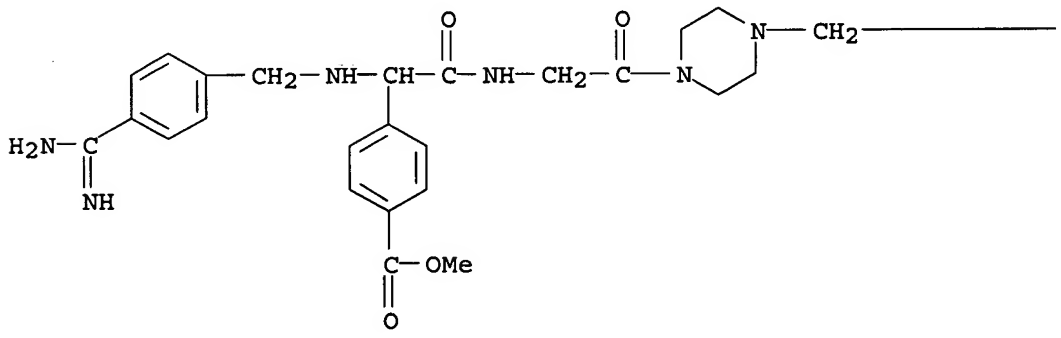
PAGE 1-A



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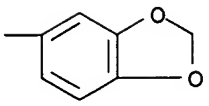

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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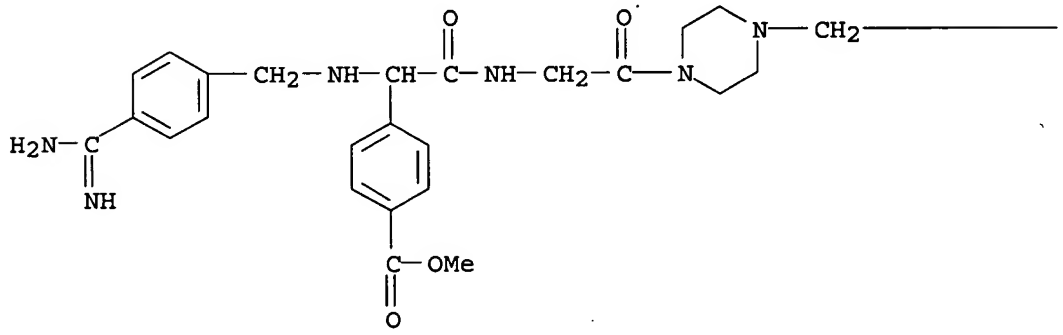
MF C32 H36 N6 O6 . x Cl H
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
CRN (779315-11-6)

PAGE 1-A



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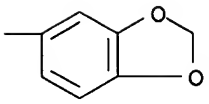

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:208135

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L2 101 S E3-E64
E WEBER L/AU
L3 296 S E3-E15
L4 178 S E81-E85
E FUCHS T/AU
L5 56 S E3-E9

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L6            25 S E14-E17
                 E ILLGEN K/AU
L7            20 S E3,E4
                 E DOEMLING A/AU
L8            30 S E3-E5
                 E DOMLING A/AU
L9            28 S E3,E4
                 E DEOMLING A/AU
                 E CAPPI M/AU
L10           84 S E3,E5-E7
                 SEL RN L1

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L12            7 S L11 AND 46.150.18/RID AND NC2NC2/ES AND OCOC2-C6/ES
L13            2 S L12 AND 5/NR
L14            1 S L13 NOT N2C3/ES
L15            1 S 779315-11-6
L16            1 S 779315-11-6/CRN
L17            2 S L14-L16

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L19            1 S L17
L20            1 S L19 AND L1-L10

     FILE 'USPATFULL' ENTERED AT 07:54:50 ON 05 JAN 2005
L21            1 S L17

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FILE COVERS 1907 - 5 Jan 2005  VOL 142 ISS 2
FILE LAST UPDATED: 3 Jan 2005  (20050103/ED)

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.


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L20  ANSWER 1 OF 1  HCAPLUS  COPYRIGHT 2005 ACS on STN
AN   2001:152636  HCAPLUS
DN   134:208135
ED   Entered STN:  02 Mar 2001
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TI Preparation of peptidomimetics as inhibitors of tryptase activity
IN **Weber, Lutz; Fuchs, Thilo; Illgen, Katrin;**
Doemling, Alexander; Cappi, Michael; Nerdinger, Sven
PA **Morphochem A.-G., Germany**
SO PCT Int. Appl., 77 pp.
CODEN: PIXXD2
DT Patent
LA English
IC ICM C07C251-24
ICS C07D213-50; C07D207-34; C07D241-04; C07D295-14; C07D231-14;
C07D209-14; A61K031-135; A61K031-395
CC 34-3 (Amino Acids, Peptides, and Proteins)
Section cross-reference(s): 1, 7
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 2001014320	A1	20010301	WO 2000-EP8238	20000823	<--
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG					
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	CA 2381096	AA	20010301	CA 2000-2381096	20000823	<--
	EP 1206444	A1	20020522	EP 2000-953198	20000823	<--
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CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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US 2002137687	ECLA	C07K005/06A1B2; C07K005/06A2+A1; C07K005/06A1B1; C07K005/06A1A1; C07K005/06A1F; C07K005/06C; C07K005/06H1; C07K005/06H1A <--

OS MARPAT 134:208135
AB Compds. X-Ar-NR3CHR4CONR8CHR5CONR6R7 [X is H2NC(:NH) or R1N:C(NH2), where R1 is OH, CO2R2, alkyl, aralkyl, aralkyloxy, or heteroalkyl and R2 is alkyl, heteroalkyl, carbocyclyl, heterocycloalkyl, aryl, heteroaryl, or aralkyl; Ar is arylene, heteroarylene, or aralkylene where X is directly attached to the aromatic ring system; R3 is H, alkyl, heteroalkyl, or aralkyl; R4 is H, (un)substituted alkyl, heteroalkyl, carbocyclyl, heterocycloalkyl, aryl, heteroaryl, or aralkyl; R5 is H, alkyl, heteroalkyl, carbocyclyl, heterocycloalkyl, aryl, heteroaryl, or aralkyl; R6 and R7 are H, (un)substituted alkyl, heteroalkyl, carbocyclyl, or heterocycloalkyl; R8 is H, alkyl, heteroalkyl, carbocyclyl, heterocycloalkyl,aryl, heteroaryl or aralkyl] or a pharmaceutically acceptable salt, solvate, hydrate or formulation were prepared as tryptase inhibitors. Thus, a solution of glycolaldehyde, 3-aminobenzamidine

dihydrochloride, and N-[2-(1H-indol-3-yl)ethyl]-3-methylbutanamide-2-isonitrile in methanol, allowed to react for 24 h at room temperature in a sealed vessel, afforded 2-{[2-({3-[amino(imino)methyl]phenyl}amino)-3-hydroxypropanoyl]amino}-N-[2-(1H-indol-3-yl)ethyl]-3-methylbutanamide hydrochloride, which showed IC50 = < 0.09 and 5 μM for inhibition of tryptase and factor Xa, resp.

ST peptidomimetic prepn inhibitor tryptase

IT Nose
(allergic rhinitis; preparation of peptidomimetics as inhibitors of tryptase activity)

IT Lung, disease
(chronic obstructive; preparation of peptidomimetics as inhibitors of tryptase activity)

IT Eye, disease
(conjunctivitis; preparation of peptidomimetics as inhibitors of tryptase activity)

IT Cardiovascular system
(disease; preparation of peptidomimetics as inhibitors of tryptase activity)

IT Lung, disease
(infection; preparation of peptidomimetics as inhibitors of tryptase activity)

IT Intestine, disease
(inflammatory; preparation of peptidomimetics as inhibitors of tryptase activity)

IT Ulcer
(peptic; preparation of peptidomimetics as inhibitors of tryptase activity)

IT Allergy inhibitors
Anaphylaxis
Anti-inflammatory agents
Antiasthmatics
Antitumor agents
Emphysema
Multiple sclerosis
Osteoarthritis
Peptidomimetics
Psoriasis
Rheumatoid arthritis
Skin, disease
(preparation of peptidomimetics as inhibitors of tryptase activity)

IT 328550-69-2P 328550-70-5P 328550-71-6P 328550-72-7P 328550-73-8P
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RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of peptidomimetics as inhibitors of tryptase activity)

IT 97501-93-4, Tryptase
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(preparation of peptidomimetics as inhibitors of tryptase activity)

IT 105-07-7, 4-Cyanobenzaldehyde 141-46-8, Glycolaldehyde 565-74-2
2237-30-1, 3-Aminobenzonitrile 3731-53-1, 4-Picolylamine 17201-43-3,
4-Bromomethylbenzonitrile 28188-41-2, 3-Bromomethylbenzonitrile
37132-68-6, 3-Aminobenzamidine dihydrochloride 71804-44-9,
Isocyanoacetic acid 328552-97-2 328552-98-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of peptidomimetics as inhibitors of tryptase activity)

IT 9002-05-5P, Factor xa 10406-24-3P 10406-25-4P 69411-60-5P
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RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of peptidomimetics as inhibitors of tryptase activity)

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

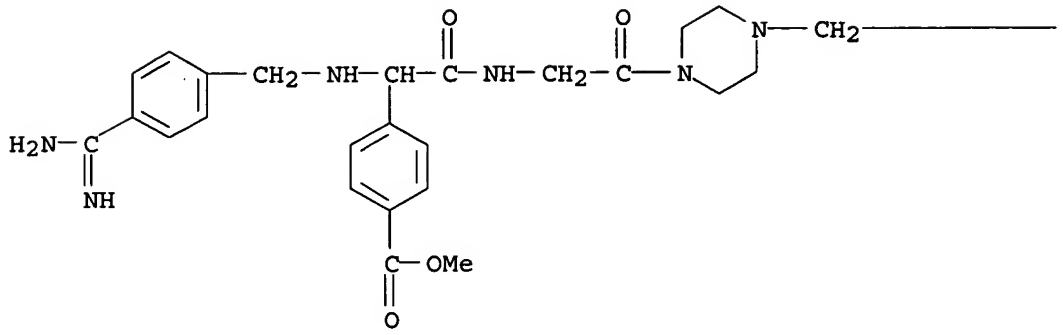
(1) Byk Gulden Lomberg Chem Fab; DE 19851299 A 1999 HCAPLUS
(2) Ono Pharmaceutical Co; EP 0893437 A 1999 HCAPLUS
(3) Spear, K; WO 9420527 A 1994 HCAPLUS

IT **328552-05-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of peptidomimetics as inhibitors of tryptase activity)

RN 328552-05-2 HCAPLUS

CN Benzoic acid, 4-[1-[[[4-(aminoiminomethyl)phenyl]methyl]amino]-2-[[2-[4-(1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]-2-oxoethyl]amino]-2-oxoethyl]-, methyl ester, hydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



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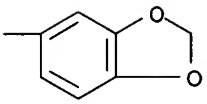
PAGE 1-B



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FILE COVERS 1971 TO PATENT PUBLICATION DATE: 4 Jan 2005 (20050104/PD)
FILE LAST UPDATED: 4 Jan 2005 (20050104/ED)
HIGHEST GRANTED PATENT NUMBER: US6839903
HIGHEST APPLICATION PUBLICATION NUMBER: US2004268457
CA INDEXING IS CURRENT THROUGH 4 Jan 2005 (20050104/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 4 Jan 2005 (20050104/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2004
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2004

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>>>  publication date for all the US publications for an invention     <<<
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>>>  /PK, etc.                                                         <<<

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>>>  classifications, or claims, that may potentially change from      <<<
>>>  the earliest to the latest publication.                           <<<
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This file contains CAS Registry Numbers for easy and accurate substance identification.

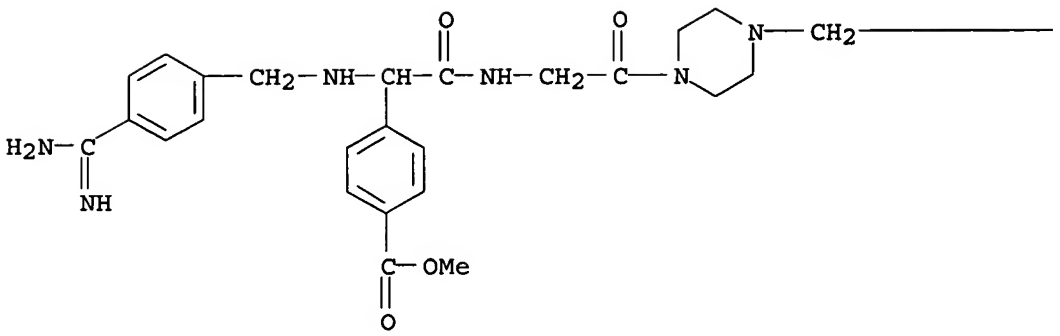
=> d l21 bib abs hitstr

L21 ANSWER 1 OF 1 USPATFULL on STN
AN 2002:251734 USPATFULL
TI Novel compounds that inhibit tryptase activity
IN Weber, Lutz, Munchen, GERMANY, FEDERAL REPUBLIC OF
Fuchs, Thilo, Munchen, GERMANY, FEDERAL REPUBLIC OF
Illgen, Katrin, Munchen, GERMANY, FEDERAL REPUBLIC OF
Doemling, Alexander, Munchen, GERMANY, FEDERAL REPUBLIC OF
Cappi, Michael, Munchen, GERMANY, FEDERAL REPUBLIC OF
PA MORPHOCHEM AG, Munchen, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)
PI US 2002137687 A1 20020926
AI US 2002-81009 A1 20020220 (10)
RLI Continuation of Ser. No. WO 2000-EP8238, filed on 23 Aug 2000, UNKNOWN
PRAI DE 1999-19939910 19990823
DT Utility
FS APPLICATION
LREP Peter F. Corless, EDWARDS & ANGELL, LLP, P.O. Box 9169, Boston, MA, 02209
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2264
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compounds of the Formula ##STR1##

or a pharmaceutically acceptable salt, solvate, hydrate or formulation thereof. These compounds can be used for the inhibition of tryptase and for the treatment and/or prevention of diseases that are mediated by tryptase activity.

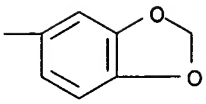
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT **328552-05-2P**
(preparation of peptidomimetics as inhibitors of tryptase activity)
RN 328552-05-2 USPATFULL
CN Benzoic acid, 4-[1-[[[4-(aminoiminomethyl)phenyl]methyl]amino]-2-[[2-[4-(1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]-2-oxoethyl]amino]-2-oxoethyl]-, methyl ester, hydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



●x HCl

PAGE 1-B



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provided by InfoChem.

STRUCTURE FILE UPDATES: 3 JAN 2005 HIGHEST RN 807382-78-1
DICTIONARY FILE UPDATES: 3 JAN 2005 HIGHEST RN 807382-78-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

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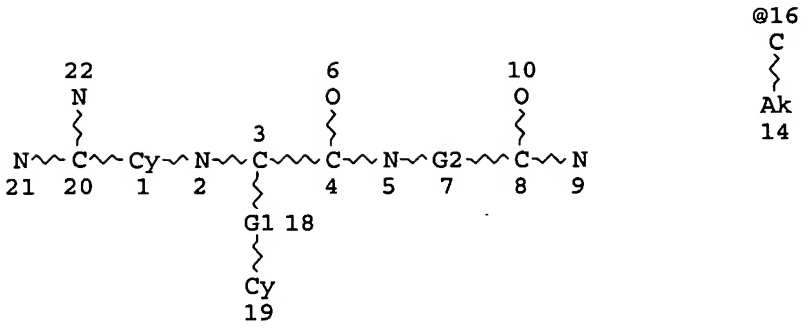
L29 STR



REP G1=(0-1) AK
VAR G2=CH2/16
NODE ATTRIBUTES:
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DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 17

STEREO ATTRIBUTES: NONE
L31 89 SEA FILE=REGISTRY SSS FUL L29

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L2 101 S E3-E64
E WEBER L/AU
L3 296 S E3-E15
L4 178 S E81-E85
E FUCHS T/AU
L5 56 S E3-E9
L6 25 S E14-E17
E ILLGEN K/AU
L7 20 S E3,E4
E DOEMLING A/AU
L8 30 S E3-E5
E DOMLING A/AU
L9 28 S E3,E4
E DEOMLING A/AU
E CAPPI M/AU
L10 84 S E3,E5-E7
SEL RN L1

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L12 7 S L11 AND 46.150.18/RID AND NC2NC2/ES AND OCOC2-C6/ES

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L14           1 S L13 NOT N2C3/ES
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L17           2 S L14-L16

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L20           1 S L19 AND L1-L10

     FILE 'USPATFULL' ENTERED AT 07:54:50 ON 05 JAN 2005
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L36           2 S L31
L37           2 S L36 AND L1-L10

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FILE COVERS 1907 - 5 Jan 2005 VOL 142 ISS 2
FILE LAST UPDATED: 3 Jan 2005 (20050103/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L37 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:157727 HCAPLUS
DN 136:216538
ED Entered STN: 01 Mar 2002
TI Preparation and use of aryl amides as factor Xa inhibitors
IN **Cappi, Michael W.**; **Fuchs, Thilo**; Eckl, Robert; Schabbert, Silke
PA **Morphochem A.-G., Germany**
SO PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DT Patent
LA German
IC ICM C07C237-00
CC 25-19 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)
Section cross-reference(s): 1, 13, 33, 63
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002016312	A2	20020228	WO 2001-EP9753	20010823
	WO 2002016312	A3	20020620		
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10041402	A1	20020314	DE 2000-10041402	20000823
	AU 2001095507	A5	20020304	AU 2001-95507	20010823
	CA 2418283	AA	20030203	CA 2001-2418283	20010823
	EP 1311473	A2	20030521	EP 2001-976140	20010823
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	BR 2001013389	A	20030729	BR 2001-13389	20010823
	NZ 524262	A	20040827	NZ 2001-524262	20010823
	JP 2004534717	T2	20041118	JP 2002-521188	20010823
	ZA 2003000998	A	20040505	ZA 2003-998	20030205
	US 2003153510	A1	20030814	US 2003-362149	20030219
	US 6794507	B2	20040921		
PRAI	DE 2000-10041402	A	20000823		
	WO 2001-EP9753	W	20010823		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2002016312	ICM	C07C237-00
DE 10041402	ECLA	C07D211/32; C07D211/52; C07D213/38; C07D213/74; C07D217/06; C07D295/18B1F; C07D295/22B; C07D009/12; C07D401/12+215+213; C07D405/12+309+211;

C07D405/12+309+217; C07D405/12+309+213
JP 2004534717 FTERM 4C062/AA22; 4C086/AA01; 4C086/AA03; 4C086/BA07; 4C086/MA01; 4C086/MA04; 4C086/NA14; 4C086/ZA45; 4C086/ZA54; 4C086/ZB11; 4C086/ZB26
US 2003153510 ECLA C07D211/32; C07D211/52; C07D213/38; C07D213/74; C07D217/06; C07D295/18B1F; C07D295/22B; C07D009/12; C07D401/12+215+213; C07D405/12+309+211; C07D405/12+309+217; C07D405/12+309+213
OS MARPAT 136:216538
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [X = Cl, Br, R1N=C(NH2); R1 = H, OH, carboxy, alkyl, aralkyl, arylalkoxy, heteroalkyl, etc.; Ar = (hetero)arylene, heteroarylalkylene, arylalkylene; X = aromatic ring; R3 = H, (hetero)alkyl, aralkyl; R4 = OH, NH2, heteroalkyl, carbocyclic, etc.; n = 0-5; R5 = H, alkyl, heteroalkyl, carbocyclic, heterocycloalkyl, aryl, heteroaryl, heteroarylalkyl, aralkyl; R6-7 = H, alkyl, heteroalkyl, carbocyclic, heterocycloalkyl, etc.; R8 = H, alkyl, heteroalkyl, carbocyclic, heterocycloalkyl, aryl, heteroaryl, heteroarylalkyl, aralkyl or together with R5 forms a heterocycloalkyl ring system] were prepared E.g., II was prepared from helicin, 3-aminobenzamidine dihydrochloride and 2-isocyano-1-[4-(2-methoxyphenyl)piperazin-1-yl]ethanone in MeOH after 24 h at room temperature Compds. of the invention had IC50 = 1 nM to 1 μM for factor Xa. I are useful for preventing and/or treating thrombo-embolic illnesses.
ST arylamide factor xa inhibitor thromboemolism prepn
IT Anti-inflammatory agents
Antitumor agents
Human
Septicemia
(preparation and use of aryl amides as factor Xa inhibitors)
IT Artery, disease
(restenosis; preparation and use of aryl amides as factor Xa inhibitors)
IT Embolism
(thromboembolism; preparation and use of aryl amides as factor Xa inhibitors)
IT 401914-24-7P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(drug; preparation and use of aryl amides as factor Xa inhibitors)
IT **401914-18-9P 401914-19-0P 401914-20-3P**, 2-Biphenyl-4-yl-2-(3-carbamimidoylphenylamino)-N-[2-[4-(2-methoxyphenyl)piperazin-1-yl]-2-oxoethyl]acetamide **401914-21-4P 401914-22-5P**, 2-(3-Carbamimidoylphenylamino)-2-(3,4-dimethoxyphenyl)-N-[2-[4-(2-methoxyphenyl)piperazin-1-yl]-2-oxoethyl]acetamide **401914-23-6P 401914-25-8P 401914-26-9P 401914-27-0P 401914-28-1P 401914-29-2P 401914-30-5P 401914-31-6P 401914-32-7P 401914-33-8P 401914-34-9P 401914-35-0P 401914-36-1P 401914-37-2P**, 2-(3-Carbamimidoylphenylamino)-N-[2-[4-(2-nitrophenyl)piperazin-1-yl]-2-oxoethyl]-2-phenylacetamide **401914-38-3P**, 2-(3-Carbamimidoylphenylamino)-N-[2-[4-(2,4-difluorophenyl)piperazin-1-yl]-2-oxoethyl]-2-phenylacetamide **401914-39-4P 401914-40-7P 401914-41-8P 401914-42-9P 401914-43-0P 401914-44-1P 401914-45-2P 401914-46-3P 401914-47-4P 401914-48-5P 401914-49-6P**

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401914-53-2P 401914-54-3P 401914-55-4P
401914-56-5P 401914-57-6P 401914-58-7P
401914-59-8P 401914-60-1P 401914-61-2P
401914-62-3P 401914-63-4P 401914-64-5P
401914-65-6P 401914-66-7P 401914-67-8P
401914-68-9P 401914-69-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug; preparation and use of aryl amides as factor Xa inhibitors)

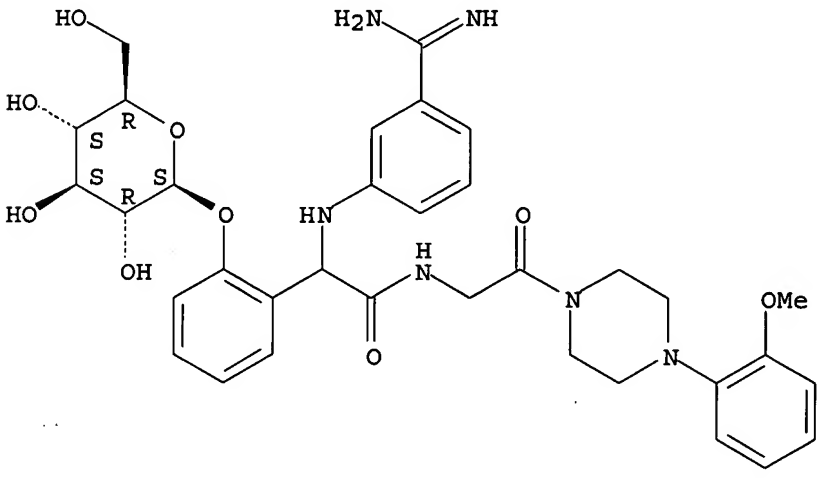
IT 9002-05-5, Factor Xa
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(preparation and use of aryl amides as factor Xa inhibitors)

IT 110-85-0, Piperazine, reactions 618-65-5, Helicin 2935-35-5, (S)-Phenylglycine 6952-59-6, 3-Bromobenzonitrile 13734-36-6 37132-68-6, 3-Aminobenzamidine dihydrochloride 401914-17-8, 2-Isocyanato-1-[4-(2-methoxyphenyl)piperazin-1-yl]ethanone
RL: RCT (Reactant); RACT (Reactant or reagent)
(reactant; preparation and use of aryl amides as factor Xa inhibitors)

IT **401914-18-9P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug; preparation and use of aryl amides as factor Xa inhibitors)

RN 401914-18-9 HCAPLUS
CN Benzeneacetamide, α-[[3-(aminoiminomethyl)phenyl]amino]-2-(β-D-glucopyranosyloxy)-N-[2-[4-(2-methoxyphenyl)-1-piperazinyl]-2-oxoethyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



L37 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:152636 HCAPLUS
DN 134:208135
ED Entered STN: 02 Mar 2001
TI Preparation of peptidomimetics as inhibitors of tryptase activity
IN **Weber, Lutz**; **Fuchs, Thilo**; **Illgen, Katrin**; **Doemling, Alexander**; **Cappi, Michael**; Nerdinger, Sven
PA **Morphochem A.-G., Germany**
SO PCT Int. Appl., 77 pp.
CODEN: PIXXD2
DT Patent

LA English
IC ICM C07C251-24
ICS C07D213-50; C07D207-34; C07D241-04; C07D295-14; C07D231-14; C07D209-14; A61K031-135; A61K031-395
CC 34-3 (Amino Acids, Peptides, and Proteins)
Section cross-reference(s): 1, 7
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001014320	A1	20010301	WO 2000-EP8238	20000823 <--
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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	EP 1206444	A1	20020522	EP 2000-953198	20000823 <--
	EP 1206444	B1	20031112		
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	AU 767333	B2	20031106	AU 2000-65729	20000823 <--
	AT 254098	E	20031115	AT 2000-953198	20000823 <--
	PT 1206444	T	20040430	PT 2000-953198	20000823 <--
	ES 2208396	T3	20040616	ES 2000-953198	20000823 <--
	US 2002137687	A1	20020926	US 2002-81009	20020220 <--
PRAI	DE 1999-19939910	A	19990823 <--		
	WO 2000-EP8238	W	20000823 <--		

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PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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	ICS	C07D213-50; C07D207-34; C07D241-04; C07D295-14; C07D231-14; C07D209-14; A61K031-135; A61K031-395
US 2002137687	ECLA	C07K005/06A1B2; C07K005/06A2+A1; C07K005/06A1B1; C07K005/06A1A1; C07K005/06A1F; C07K005/06C; C07K005/06H1; C07K005/06H1A <--

OS MARPAT 134:208135
AB Compds. X-Ar-NR3CHR4CONR8CHR5CONR6R7 [X is H2NC(:NH) or R1N:C(NH2), where R1 is OH, CO2R2, alkyl, aralkyl, aralkyloxy, or heteroalkyl and R2 is alkyl, heteroalkyl, carbocyclyl, heterocycloalkyl, aryl, heteroaryl, or aralkyl; Ar is arylene, heteroarylene, or aralkylene where X is directly attached to the aromatic ring system; R3 is H, alkyl, heteroalkyl, or aralkyl; R4 is H, (un)substituted alkyl, heteroalkyl, carbocyclyl, heterocycloalkyl, aryl, heteroaryl, or aralkyl; R5 is H, alkyl, heteroalkyl, carbocyclyl, heterocycloalkyl, aryl, heteroaryl, or aralkyl; R6 and R7 are H, (un)substituted alkyl, heteroalkyl, carbocyclyl, or heterocycloalkyl; R8 is H, alkyl, heteroalkyl, carbocyclyl, heterocycloalkyl,aryl, heteroaryl or aralkyl] or a pharmaceutically acceptable salt, solvate, hydrate or formulation were prepared as tryptase inhibitors. Thus, a solution of glycolaldehyde, 3-aminobenzamidine dihydrochloride, and N-[2-(1H-indol-3-yl)ethyl]-3-methylbutanamide-2-isonitrile in methanol, allowed to react for 24 h at room temperature in a sealed vessel, afforded 2-{[2-({3-[amino(imino)methyl]phenyl}amino)-3-hydroxypropanoyl]amino}-N-[2-(1H-indol-3-yl)ethyl]-3-methylbutanamide hydrochloride, which showed IC50 = < 0.09 and 5 μM for inhibition of tryptase and factor Xa, resp.
ST peptidomimetic prepn inhibitor tryptase

IT Nose
(allergic rhinitis; preparation of peptidomimetics as inhibitors of tryptase activity)
IT Lung, disease
(chronic obstructive; preparation of peptidomimetics as inhibitors of tryptase activity)
IT Eye, disease
(conjunctivitis; preparation of peptidomimetics as inhibitors of tryptase activity)
IT Cardiovascular system
(disease; preparation of peptidomimetics as inhibitors of tryptase activity)
IT Lung, disease
(infection; preparation of peptidomimetics as inhibitors of tryptase activity)
IT Intestine, disease
(inflammatory; preparation of peptidomimetics as inhibitors of tryptase activity)
IT Ulcer
(peptic; preparation of peptidomimetics as inhibitors of tryptase activity)
IT Allergy inhibitors
Anaphylaxis
Anti-inflammatory agents
Antiasthmatics
Antitumor agents
Emphysema
Multiple sclerosis
Osteoarthritis
Peptidomimetics
Psoriasis
Rheumatoid arthritis
Skin, disease
(preparation of peptidomimetics as inhibitors of tryptase activity)
IT 328550-69-2P 328550-70-5P 328550-71-6P **328550-72-7P**
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328552-70-1P 328552-71-2P 328552-72-3P 328552-73-4P 328552-74-5P
328552-75-6P **328552-76-7P** 328552-77-8P 328552-78-9P
328552-79-0P **328552-80-3P** 328552-81-4P 328552-82-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of peptidomimetics as inhibitors of tryptase activity)

IT 97501-93-4, Tryptase
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(preparation of peptidomimetics as inhibitors of tryptase activity)

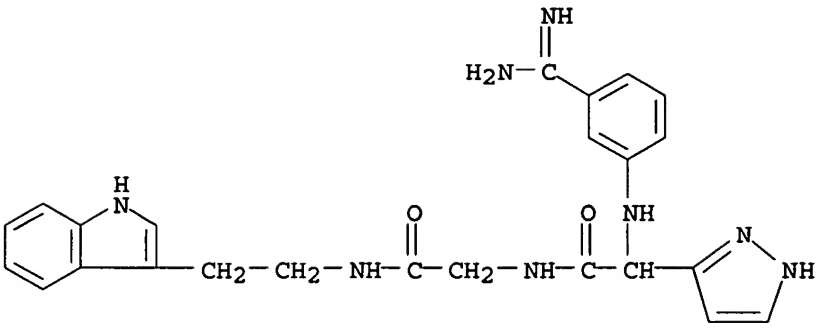
IT 105-07-7, 4-Cyanobenzaldehyde 141-46-8, Glycolaldehyde 565-74-2
2237-30-1, 3-Aminobenzonitrile 3731-53-1, 4-Picolylamine 17201-43-3, 4-Bromomethylbenzonitrile 28188-41-2, 3-Bromomethylbenzonitrile 37132-68-6, 3-Aminobenzamidine dihydrochloride 71804-44-9, Isocyanoacetic acid 328552-97-2 328552-98-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of peptidomimetics as inhibitors of tryptase activity)

IT 9002-05-5P, Factor xa 10406-24-3P 10406-25-4P 69411-60-5P
84466-87-5P 91192-27-7P 217313-79-6P 328552-83-6P 328552-84-7P
328552-85-8P 328552-86-9P 328552-87-0P 328552-88-1P 328552-89-2P
328552-90-5P 328552-91-6P 328552-92-7P 328552-93-8P 328552-94-9P
328552-95-0P 328552-96-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of peptidomimetics as inhibitors of tryptase activity)

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE
(1) Byk Gulden Lomberg Chem Fab; DE 19851299 A 1999 HCAPLUS
(2) Ono Pharmaceutical Co; EP 0893437 A 1999 HCAPLUS
(3) Spear, K; WO 9420527 A 1994 HCAPLUS

IT **328550-72-7P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of peptidomimetics as inhibitors of tryptase activity)

RN 328550-72-7 HCAPLUS
CN Glycinamide, N-[3-(aminoiminomethyl)phenyl]-2-(1H-pyrazol-3-yl)glycyl-N-[2-(1H-indol-3-yl)ethyl]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

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CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 4 Jan 2005 (20050104/PD)
FILE LAST UPDATED: 4 Jan 2005 (20050104/ED)
HIGHEST GRANTED PATENT NUMBER: US6839903
HIGHEST APPLICATION PUBLICATION NUMBER: US2004268457
CA INDEXING IS CURRENT THROUGH 4 Jan 2005 (20050104/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 4 Jan 2005 (20050104/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2004
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2004

>>>  USPAT2 is now available.  USPATFULL contains full text of the     <<<
>>>  original, i.e., the earliest published granted patents or         <<<
>>>  applications.  USPAT2 contains full text of the latest US         <<<
>>>  publications, starting in 2001, for the inventions covered in     <<<
>>>  USPATFULL.  A USPATFULL record contains not only the original     <<<
>>>  published document but also a list of any subsequent              <<<
>>>  publications.  The publication number, patent kind code, and      <<<
>>>  publication date for all the US publications for an invention     <<<
>>>  are displayed in the PI (Patent Information) field of USPATFULL   <<<
>>>  records and may be searched in standard search fields, e.g., /PN, <<<
>>>  /PK, etc.                                                         <<<

>>>  USPATFULL and USPAT2 can be accessed and searched together         <<<
>>>  through the new cluster USPATALL.  Type FILE USPATALL to          <<<
>>>  enter this cluster.                                               <<<
>>>                                                                    <<<
>>>  Use USPATALL when searching terms such as patent assignees,       <<<
>>>  classifications, or claims, that may potentially change from      <<<
>>>  the earliest to the latest publication.                           <<<

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> d bib abs hitrn fhitstr tot l38

L38  ANSWER 1 OF 2  USPATFULL on STN
AN     2003:220219  USPATFULL
TI     Novel compounds inhibiting factor xa activity
IN     Cappi, Michael W, Munchen, GERMANY, FEDERAL REPUBLIC OF
```

Fuchs, Thilo, Munchen, GERMANY, FEDERAL REPUBLIC OF
Eckl, Robert, Munchen, GERMANY, FEDERAL REPUBLIC OF
Schabbert, Silke, Munchen, GERMANY, FEDERAL REPUBLIC OF

PI US 2003153510 A1 20030814
US 6794507 B2 20040921
AI US 2003-362149 A1 20030219 (10)
WO 2001-EP9753 20010823
PRAI DE 2000-100 20000823
DT Utility
FS APPLICATION
LREP Peter F Corless, Edwards & Angell, P O Box 9169, Boston, MA, 02209
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1050
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to compounds of formula (I): ##STR1##

or a pharmaceutically acceptable salt, solvate, hydrate or a pharmaceutically acceptable formulation thereof. Those compounds can be used for inhibiting factor Xa and for the prevention and/or treatment of thromboembolic conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

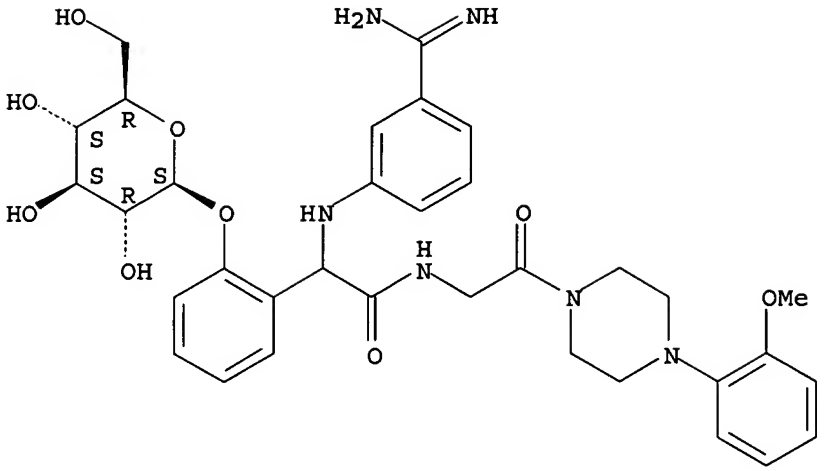
IT **401914-18-9P 401914-19-0P 401914-20-3P**, 2-Biphenyl-4-yl-2-(3-carbamimidoylphenylamino)-N-[2-[4-(2-methoxyphenyl)piperazin-1-yl]-2-oxoethyl]acetamide **401914-21-4P 401914-22-5P**, 2-(3-Carbamimidoylphenylamino)-2-(3,4-dimethoxyphenyl)-N-[2-[4-(2-methoxyphenyl)piperazin-1-yl]-2-oxoethyl]acetamide **401914-23-6P 401914-25-8P 401914-26-9P 401914-27-0P 401914-28-1P 401914-29-2P 401914-30-5P 401914-31-6P 401914-32-7P 401914-33-8P 401914-34-9P 401914-35-0P 401914-36-1P 401914-37-2P**, 2-(3-Carbamimidoylphenylamino)-N-[2-[4-(2-nitrophenyl)piperazin-1-yl]-2-oxoethyl]-2-phenylacetamide **401914-38-3P**, 2-(3-Carbamimidoylphenylamino)-N-[2-[4-(2,4-difluorophenyl)piperazin-1-yl]-2-oxoethyl]-2-phenylacetamide **401914-39-4P 401914-40-7P 401914-41-8P 401914-42-9P 401914-43-0P 401914-44-1P 401914-45-2P 401914-46-3P 401914-47-4P 401914-48-5P 401914-49-6P 401914-50-9P 401914-51-0P 401914-52-1P 401914-53-2P 401914-54-3P 401914-55-4P 401914-56-5P 401914-57-6P 401914-58-7P 401914-59-8P 401914-60-1P 401914-61-2P 401914-62-3P 401914-63-4P 401914-64-5P 401914-65-6P 401914-66-7P 401914-67-8P 401914-68-9P 401914-69-0P**
(drug; preparation and use of aryl amides as factor Xa inhibitors)

IT **401914-18-9P**
(drug; preparation and use of aryl amides as factor Xa inhibitors)

RN 401914-18-9 USPATFULL

CN Benzeneacetamide, α-[[3-(aminoiminomethyl)phenyl]amino]-2-(β-D-glucopyranosyloxy)-N-[2-[4-(2-methoxyphenyl)-1-piperazinyl]-2-oxoethyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

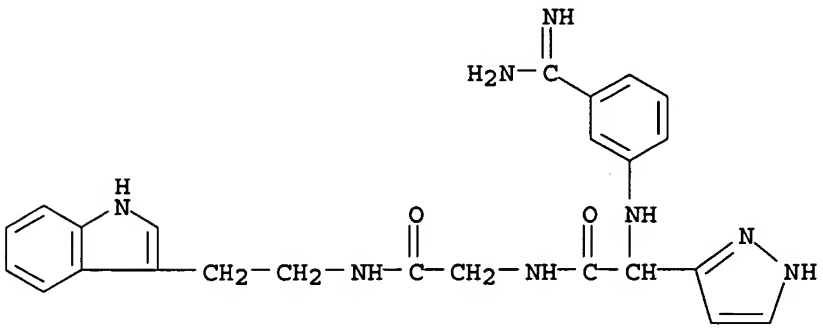


L38 ANSWER 2 OF 2 USPATFULL on STN
AN 2002:251734 USPATFULL
TI Novel compounds that inhibit tryptase activity
IN Weber, Lutz, Munchen, GERMANY, FEDERAL REPUBLIC OF
Fuchs, Thilo, Munchen, GERMANY, FEDERAL REPUBLIC OF
Illgen, Katrin, Munchen, GERMANY, FEDERAL REPUBLIC OF
Doemling, Alexander, Munchen, GERMANY, FEDERAL REPUBLIC OF
Cappi, Michael, Munchen, GERMANY, FEDERAL REPUBLIC OF
PA MORPHOCHEM AG, Munchen, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)
PI US 2002137687 A1 20020926
AI US 2002-81009 A1 20020220 (10)
RLI Continuation of Ser. No. WO 2000-EP8238, filed on 23 Aug 2000, UNKNOWN
PRAI DE 1999-19939910 19990823
DT Utility
FS APPLICATION
LREP Peter F. Corless, EDWARDS & ANGELL, LLP, P.O. Box 9169, Boston, MA, 02209
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2264
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compounds of the Formula ##STR1##

or a pharmaceutically acceptable salt, solvate, hydrate or formulation thereof. These compounds can be used for the inhibition of tryptase and for the treatment and/or prevention of diseases that are mediated by tryptase activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT **328550-72-7P 328551-34-4P 328551-84-4P 328551-87-7P 328551-90-2P 328551-91-3P 328551-97-9P 328552-19-8P 328552-32-5P 328552-38-1P 328552-41-6P 328552-51-8P 328552-62-1P 328552-65-4P 328552-66-5P 328552-68-7P 328552-76-7P 328552-79-0P 328552-80-3P**
(preparation of peptidomimetics as inhibitors of tryptase activity)
IT **328550-72-7P**
(preparation of peptidomimetics as inhibitors of tryptase activity)
RN 328550-72-7 USPATFULL

CN Glycinamide, N-[3-(aminoiminomethyl)phenyl]-2-(1H-pyrazol-3-yl)glycyl-N-[2-(1H-indol-3-yl)ethyl]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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STRUCTURE FILE UPDATES: 3 JAN 2005 HIGHEST RN 807382-78-1
DICTIONARY FILE UPDATES: 3 JAN 2005 HIGHEST RN 807382-78-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

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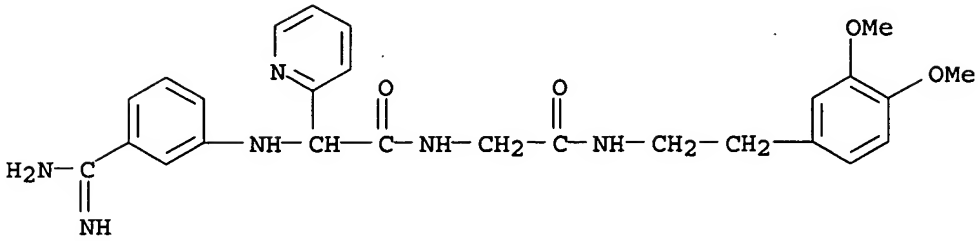
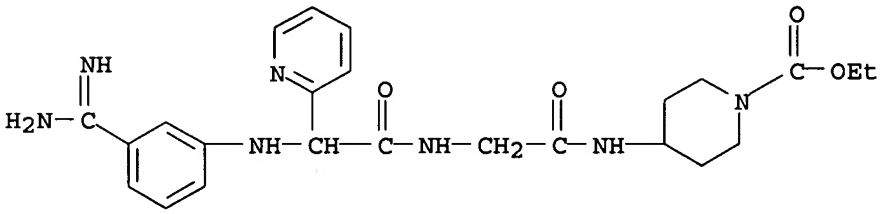
L31 ANSWER 1 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 791576-22-2 REGISTRY
CN Glycinamide, N-[3-(aminoiminomethyl)phenyl]-2-(2-pyridinyl)glycyl-N-[2-(3,4-dimethoxyphenyl)ethyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C26 H30 N6 O4
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

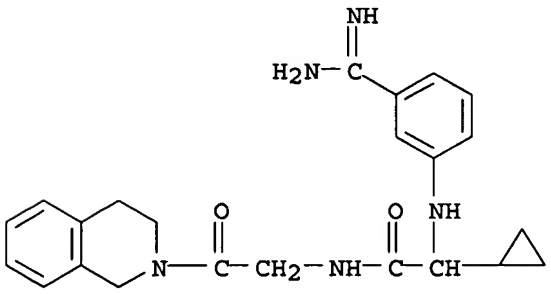
L31 ANSWER 5 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 776284-61-8 REGISTRY
CN Glycinamide, N-[3-(aminoiminomethyl)phenyl]-2-(2-pyridinyl)glycyl-N-[1-(ethoxycarbonyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H31 N7 O4
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

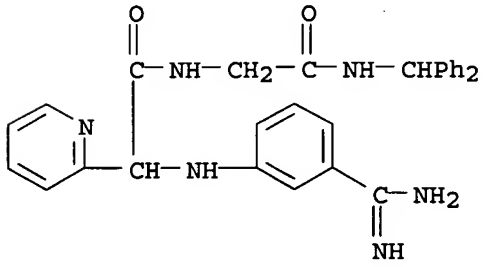
L31 ANSWER 10 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 759448-01-6 REGISTRY
CN Cyclopropaneacetamide, α-[[3-(aminoiminomethyl)phenyl]amino]-N-[2-(3,4-dihydro-2(1H)-isoquinolinyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H27 N5 O2
CI COM
SR CA

Sample hits from structure search



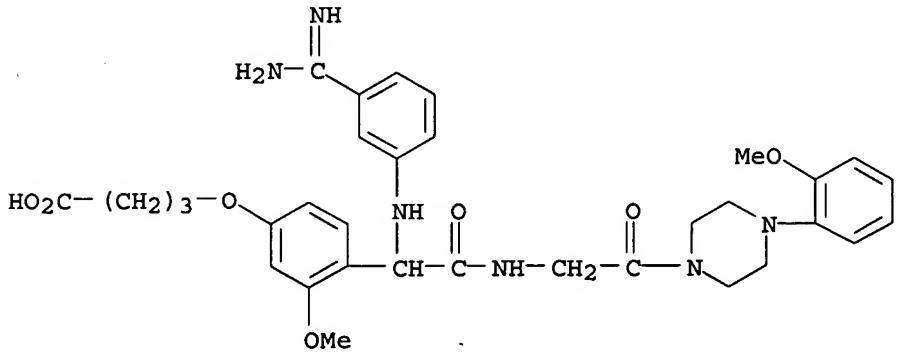
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L31 ANSWER 15 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 735255-99-9 REGISTRY
CN Glycinamide, N-[3-(aminoiminomethyl)phenyl]-2-(2-pyridinyl)glycyl-N-(diphenylmethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H28 N6 O2
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L31 ANSWER 20 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 401914-69-0 REGISTRY
CN Butanoic acid, 4-[4-[1-[[3-(aminoiminomethyl)phenyl]amino]-2-[[2-[4-(2-methoxyphenyl)-1-piperazinyl]-2-oxoethyl]amino]-2-oxoethyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C33 H40 N6 O7
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



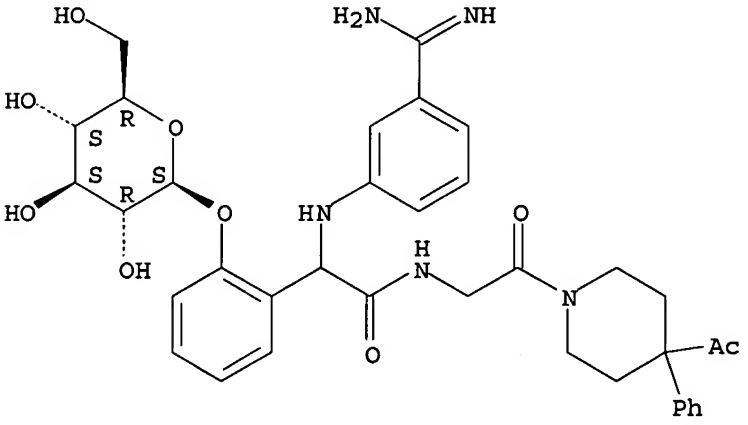
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:216538

L31 ANSWER 25 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 401914-64-5 REGISTRY
CN Benzeneacetamide, N-[2-(4-acetyl-4-phenyl-1-piperidinyl)-2-oxoethyl]-α-[[3-(aminoiminomethyl)phenyl]amino]-2-(β-D-glucopyranosyloxy)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H43 N5 O9
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.



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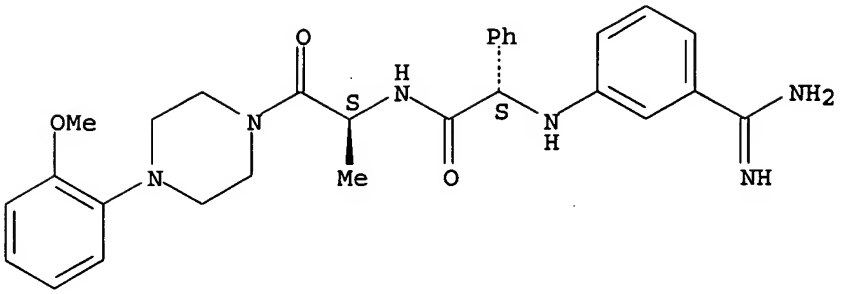
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:216538

L31 ANSWER 30 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 401914-59-8 REGISTRY
CN Benzeneacetamide, α-[[3-(aminoiminomethyl)phenyl]amino]-N-[(1S)-2-[4-(2-methoxyphenyl)-1-piperazinyl]-1-methyl-2-oxoethyl]-, (αS)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C29 H34 N6 O3
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.



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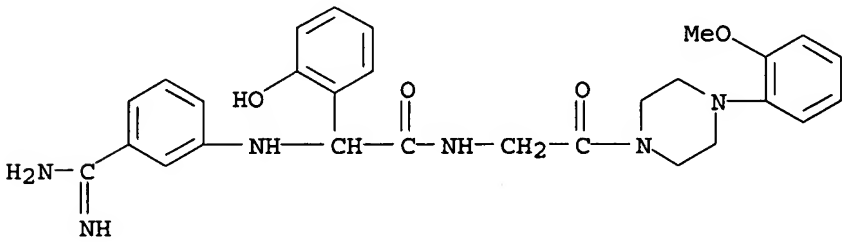
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:216538

L31 ANSWER 35 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 401914-54-3 REGISTRY
CN Benzeneacetamide, α-[[3-(aminoiminomethyl)phenyl]amino]-2-hydroxy-N-[2-[4-(2-methoxyphenyl)-1-piperazinyl]-2-oxoethyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C28 H32 N6 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



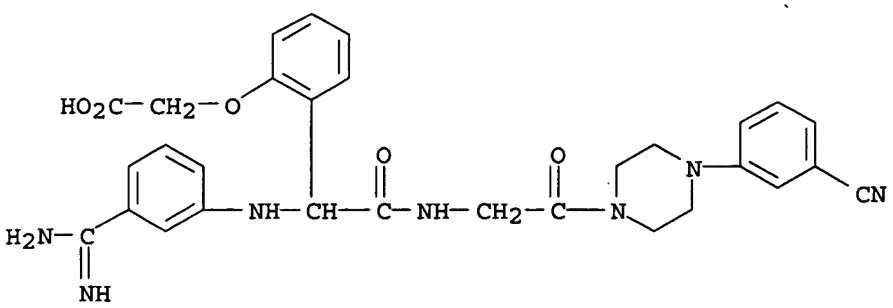
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:216538

L31 ANSWER 40 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 401914-49-6 REGISTRY
CN Acetic acid, [2-[1-[[3-(aminoiminomethyl)phenyl]amino]-2-[[2-[4-(3-cyanophenyl)-1-piperazinyl]-2-oxoethyl]amino]-2-oxoethyl]phenoxy]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H31 N7 O5
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL
DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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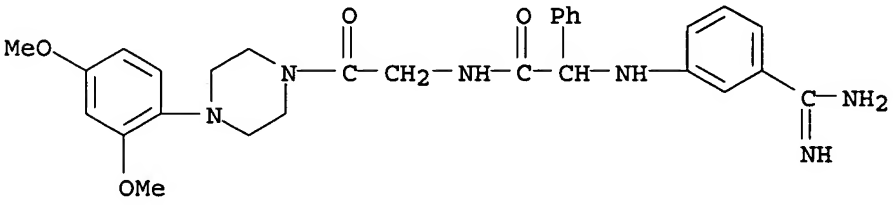
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:216538

L31 ANSWER 45 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 401914-44-1 REGISTRY
CN Benzeneacetamide, α-[[3-(aminoiminomethyl)phenyl]amino]-N-[2-[4-(2,4-dimethoxyphenyl)-1-piperazinyl]-2-oxoethyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H34 N6 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

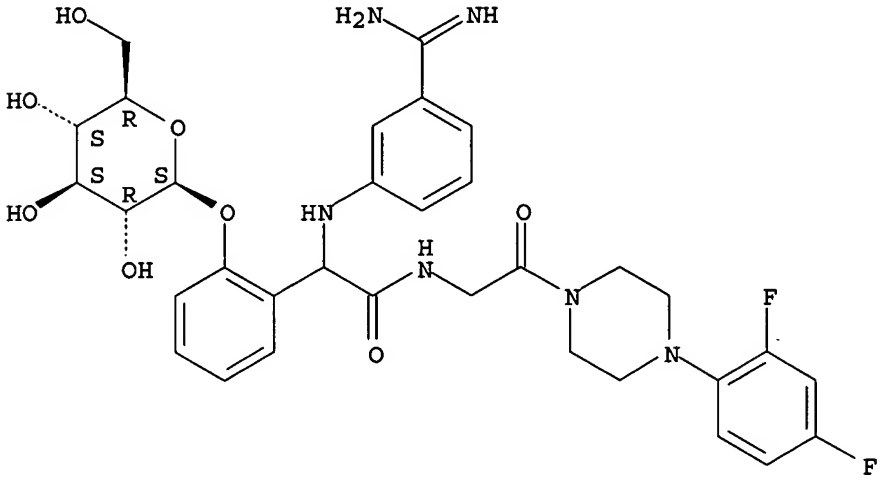
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:216538

L31 ANSWER 50 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 401914-39-4 REGISTRY
CN Benzeneacetamide, α-[[3-(aminoiminomethyl)phenyl]amino]-N-[2-[4-(2,4-difluorophenyl)-1-piperazinyl]-2-oxoethyl]-2-(β-D-glucopyranosyloxy)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C33 H38 F2 N6 O8
SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

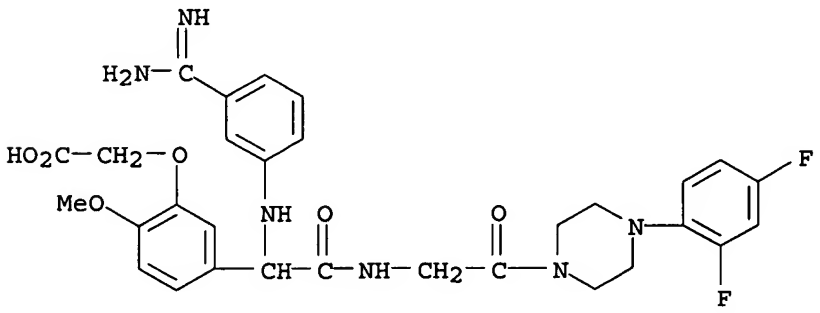


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:216538

L31 ANSWER 55 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 401914-34-9 REGISTRY
CN Acetic acid, [5-[1-[[3-(aminoiminomethyl)phenyl]amino]-2-[[2-[4-(2,4-difluorophenyl)-1-piperazinyl]-2-oxoethyl]amino]-2-oxoethyl]-2-methoxyphenoxy]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H32 F2 N6 O6
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



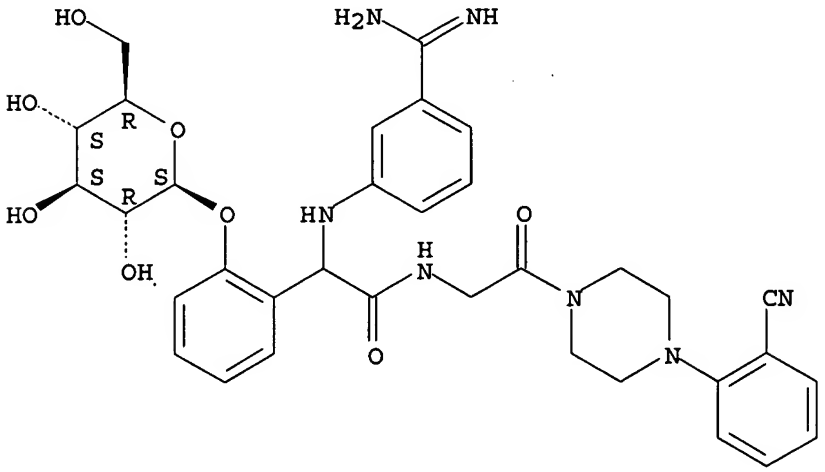
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:216538

L31 ANSWER 60 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 401914-29-2 REGISTRY
CN Benzeneacetamide, α-[[3-(aminoiminomethyl)phenyl]amino]-N-[2-[4-(2-cyanophenyl)-1-piperazinyl]-2-oxoethyl]-2-(β-D-glucopyranosyloxy)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C34 H39 N7 O8
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.



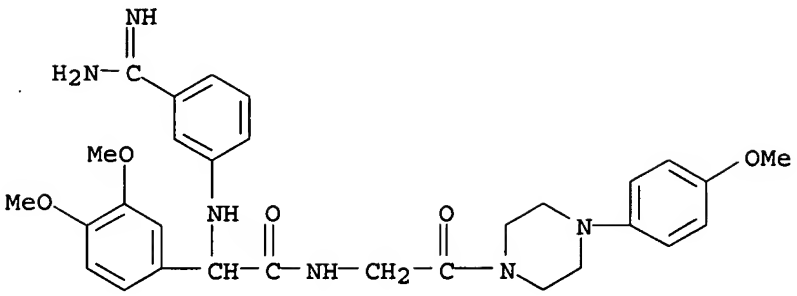
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:216538

L31 ANSWER 65 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 401914-23-6 REGISTRY
CN Benzeneacetamide, α-[[3-(aminoiminomethyl)phenyl]amino]-3,4-dimethoxy-N-[2-[4-(4-methoxyphenyl)-1-piperazinyl]-2-oxoethyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H36 N6 O5
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES

(Uses)



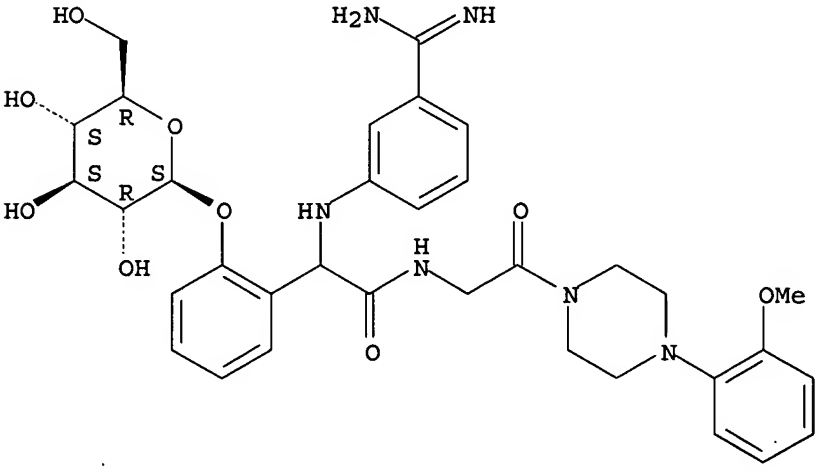
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:216538

L31 ANSWER 70 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 401914-18-9 REGISTRY
CN Benzeneacetamide, α-[[3-(aminoiminomethyl)phenyl]amino]-2-(β-D-glucopyranosyloxy)-N-[2-[4-(2-methoxyphenyl)-1-piperazinyl]-2-oxoethyl]-(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C34 H42 N6 O9
SR CA
LC STN Files: CA, CAPLUS, IMSDRUGNEWS, IMSRESEARCH, TOXCENTER, USPAT2, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

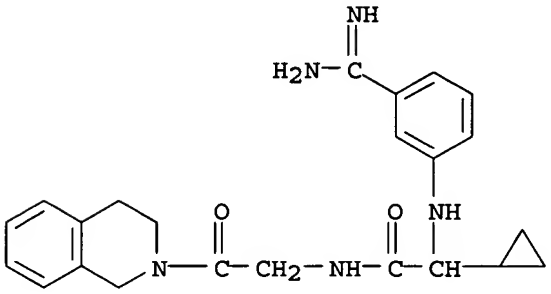


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:216538

L31 ANSWER 75 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 328552-66-5 REGISTRY
CN Cyclopropaneacetamide, α-[[3-(aminoiminomethyl)phenyl]amino]-N-[2-(3,4-dihydro-2(1H)-isoquinolinyl)-2-oxoethyl]-, hydrochloride (9CI) (CA INDEX NAME)
MF C23 H27 N5 O2 . x Cl H
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
CRN (759448-01-6)

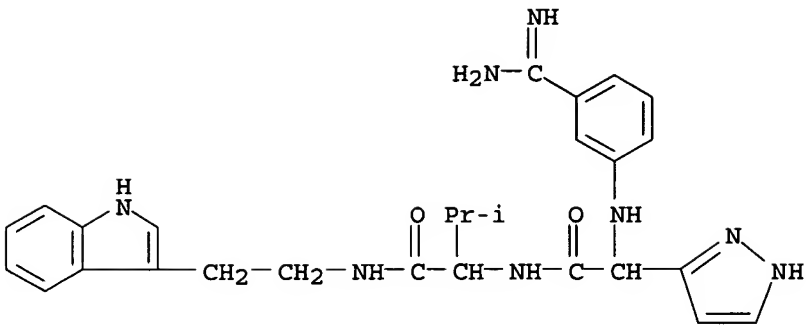


●x HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:208135

L31 ANSWER 80 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 328552-38-1 REGISTRY
CN Valinamide, N-[3-(aminoiminomethyl)phenyl]-2-(1H-pyrazol-3-yl)glycyl-N-[2-(1H-indol-3-yl)ethyl]-, hydrochloride (9CI) (CA INDEX NAME)
MF C27 H32 N8 O2 . x Cl H
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
CRN (769911-17-3)

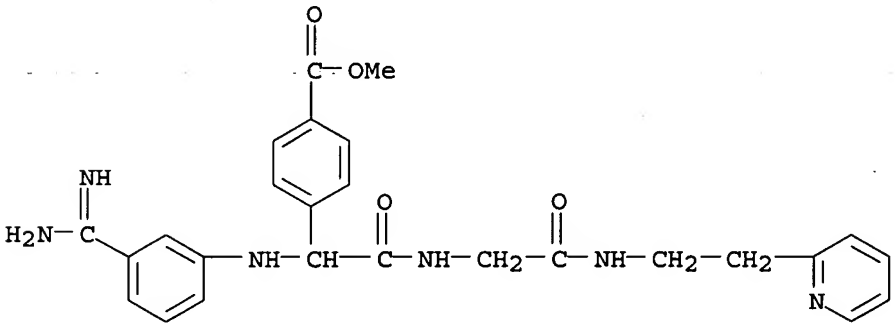


●x HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:208135

L31 ANSWER 85 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 328551-90-2 REGISTRY
CN Glycinamide, N-[3-(aminoiminomethyl)phenyl]-2-[4-(methoxycarbonyl)phenyl]glycyl-N-[2-(2-pyridinyl)ethyl]-, hydrochloride (9CI) (CA INDEX NAME)
MF C26 H28 N6 O4 . x Cl H
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
CRN (764637-96-9)



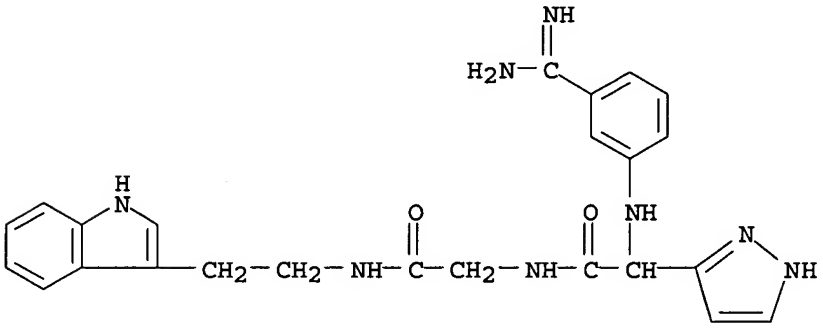
●x HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:208135

L31 ANSWER 89 OF 89 REGISTRY COPYRIGHT 2005 ACS on STN
RN 328550-72-7 REGISTRY

CN Glycinamide, N-[3-(aminoiminomethyl)phenyl]-2-(1H-pyrazol-3-yl)glycyl-N-[2-(1H-indol-3-yl)ethyl]-, hydrochloride (9CI) (CA INDEX NAME)
MF C24 H26 N8 O2 . x Cl H
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
CRN (727649-86-7)



● x HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:208135

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